Revised 1/99

CORRES. CONTROL
INCOMING LTR NO.

[redacted]0266 RF 99

DUE DATE

ACTION

DIST.	LTR	ENC
BENSUSSEN, S.J.		
BOGENBERGER, V.		
BORMOLINI, A.M.		
BRAILSFORD, M.D.		
BURDGE, L.		
CARD, R.G.		
COSGROVE, M.M.		
COX, C.M.		
CRAWFORD, A.C.		
DEJONG, V.J.		
DERBY, S.		
DIETERLE, S.E.		
FERRERA, D.W.		
FERRERA, K.P.		
FULTON, J.C.		
GERMAIN, A.L.		
HARDING, W.A.		
HARROUN, W.P.		
HEDAHL, T.G.		
HILL, J.A.		
LEONARD, R.C.		
LEWIS, M.R.		
MARTINEZ, L.A.		
NORTH, K.		
[redacted]KER, A.M.		
[redacted]LIPS, F.J.	X	
[redacted]STON, S.		
RODGERS, A.D.		
SHELTON, D.C.	X	X
TUOR, N.R.		
VOORHEIS, G.M.		
Brooks, L	X	X
Boyton, C	X	X
Corsi, J	X	X

COR. CONTROL	X	X
ADMN. RECORD	X	X
PATS/T130G		

Reviewed for Addressee
Corres. Control RFP

3/11/99 JK
Date By

[redacted]Ltr. #

DOE ORDER # None

1/24

1 MAR 99 2: 11

RFETS-CC-

Colorado Department
of Public Health
and Environment

MAR 0 9 1999

99-DOE-0354

Dear Stakeholder:

The Rocky Flats Cleanup Agreement (RFCA) has been updated in 1998 in accordance with its provisions. The Colorado Department of Public Health and Environment (CDPHE), the Environmental Protection Agency, Region VIII (EPA), and the Department of Energy (DOE) signed the final RFCA on July 19, 1996. On April 16, 1997, CDPHE, EPA, and DOE released substitute pages reflecting errata, modifications, and updates. Today, CDPHE, EPA, and DOE are releasing substitute update pages reflecting the 1998 updates and are providing a status update on other RFCA mandated activities.

The following Attachments and Appendices were updated in 1998:

- Attachment 4, Environmental Restoration (ER) Ranking, has been updated to reflect the current methodology used to rank Individual Hazardous Substance Sites and to provide the fiscal year 1998 ER ranking.
- Attachment 8 has been updated to reflect enforceable milestones for fiscal years 1999, 2000, and certain outyear milestones.
- Attachment 12 has been updated to reflect the approved decision documents.
- Appendix 3 has been updated to reflect the 1998 Implementation Guidance Document (IGD).
- Appendix 4 has been updated to provide the current Rocky Flats Closure Project Completion Metrics Baseline, which is in place of the Summary Level Baseline.
- Appendix 6 has been updated to reflect target activities for fiscal years 1999, 2000, 2001 and 2002.

The attachment to this letter provides substitute update pages dated February 26, 1999. The update pages should be inserted in the July 19, 1996, RFCA in lieu of the corresponding pages dated either July 19, 1996, or April 16, 1997. The July 19, 1996, version of RFCA, with replacement pages dated April 16, 1997, the 1998 IGD, and replacement pages dated February 26, 1999, shall constitute the official version of RFCA. Changes have been made in a manner to ensure continuity of text between the preceding page, the corrected page, and the subsequent page.

In addition, the following RFCA required documents were updated in 1998:

- Integrated Monitoring Plan;
- Integrated Public Involvement Plan;
- Administrative Record; and
- Historical Release Report.

PADC-1998-00779

SW-A-003269

Please contact either a RFCA Project Coordinator or an Agency Community Relations representative if you would like a copy of any of these documents.

The CDPHE, EPA, and DOE assessed the implementation of RFCA in 1998, including a review of the substantive and procedural requirements of RFCA. Upon reviewing the 1998 assessment, CDPHE, EPA, and DOE have agreed that the substantive and procedural requirements of RFCA are being met, and no changes are contemplated at this time.

If you have any questions, please contact any one of us.

Sincerely,

Joseph A. Legare
Assistant Manager
for Environment and Infrastructure
U.S. Department of Energy
Rocky Flats Field Office
(303) 966-5918 (phone)
(303) 966-2995 (fax)

Tim Rehder
Rocky Flats Project Manager
U.S. Environmental Protection Agency, Region VIII
(303) 312-6293 (phone)
(303) 312-6067 (fax)

Steve Gunderson
RFCA Project Coordinator
Colorado Department of Public Health and Environment
(303) 692-3367 (phone)
(303) 759-5355 (fax)

Enclosure

PADC-1998-00779

cc w Enclosure:
D. Young, Office of Congressman Tom Udall
P. Jacobson, Office of Senator Wayne Allard
J. Swartout, State of Colorado Policy Office
C. Lyons, City of Arvada
K. Schnoor, City of Broomfield
T. Holeman, City of Broomfield
H. Stovall, Broomfield City Council
L. Morzel, City of Boulder
Rocky Flats Coalition of Local Governments
J. Kinsinger, Rocky Flats Citizens Advisory Board
P. Elofson-Gardine, Environmental Information Network
M. Harlow, City of Westminster
A. Rampertaap, EM-45, HQ
M. Anderson, OOC, RFFO
R. DiSalvo, OCC, RFFO
S. Bell, OCC, RFFO
D. Shelton, K-H
L. Brooks, K-H
C. Dayton, K-H
J. Corsi, K-H
Administrative Record

Document

Separation

Sheet

Final RFCA
Attachment 4
Update page
February 26, 1999

ENVIRONMENTAL RESTORATION RANKING

A prioritized list of Environmental Restoration (ER) locations was developed to select the top priority locations for remediation. This prioritization will accelerate the cleanup process, which will more quickly reduce risks to human health and the environment. The prioritization of cleanup targets should also result in a reduction of costs associated with cleanup by allowing better planning and more efficient utilization of resources.

An updated methodology for generating this prioritized list is provided in Appendix N of the Implementation Guidance Document (RFCA, Appendix 3), and was developed by a working group composed of EPA, CDPHE , DOE/RFFO, Kaiser-Hill, and RMRS staff The methodology was implemented by RMRS staff and resulted in a prioritized list of ER locations, as well as identifying and ranking locations that require more information.

The list will be updated annually, or as significant new information becomes available. With the consensus of all parties, the priority of any ER location can be changed prior to updating the list, if additional information clearly indicates a need. The list should continue to be evaluated as data becomes available, and should also be verified by field checks and other processes to corroborate these rankings

Document

Separation

Sheet

Status	Rank	IHSS Number and Name	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional Judgement Multiplier	Total Priority Score	Exceeds Tier I AL	General Comments
C-96	1	109 Ryan's Pit		33679	2	<1	33681	10	2	3	1	60	yes	Source removed
C-96	2	110 Trench T-3		26101	1612	<1	27713	10	2	3	1	60	yes	Source removed
C-96	3	111.1 Trench T-4		26101	78	n	26179	10	2	3	1	60	yes	Source removed
SR-98	4	108 Trench T-1		11	11080	<1	11091	9	1	3	2	54	yes	FY98 - source removed, treatment and trench fill in FY99.
C-97	5	113 Mound		19064	6	1	19071	9	3	2	1	54	yes	Source of Mound Plume, removed
	6	112 /155 903 Pad and Lip Area		41426	1449	108	42983	10	2	2	1	40	yes	Characterization in FY98/FY99. remediation planned for FY2001.
	7	East Trenches Plume		26105			26105	10	3	1	1	30	yes	Impact on surface water in the S. Walnut Creek drainage
	8	118.1, 132 and 121 Tanks 9 & 10	1194	50000000	2325	2	50003521	10	1.5	2	1	30	yes	Tank 10 source removed. Carbon Tet Plume Source
IAC-96	9	Mound Plume		19067			19067	9	3	1	1	27	yes	Groundwater collection and treatment system in place
IAC-96	10	121 Tank T-40	3570	n	n	<1	3570	7	1	3	1	21	yes	Source removed, tank foamed and stabilized
IAC-96	11	121/124.1/124.2/125 PW Tank T-16N	1453	<1	<1	n	1453	7	1	3	1	21	yes	Source removed, tank foamed and stabilized
IAC-96	12	121 Tanks T-2/T-3, 122-Underground ConcreteTanks	751	270	<1	29	1050	7	1	3	1	21	yes	Tank foamed and stabilized, PAHs in surface soil and groundwater
IAC-96	13	121/124.3 Process Waste Tank T-14	1000	<1	<1	n	1000	6	1	3	1	18	yes	Source removed, tank foamed and stabilized
	14	101 Solar Ponds		2403	<1	14	2417	7	2	1	1	14	yes	HHRA 10-4 to 10-6, groundwater from 118.1 not used in ranking
	15	Solar Ponds Plume		2403			2403	7	2	1	1	14	yes	Plume due to NO_3, impacts surface water in N. Walnut Creek
	16	903 Pad & Ryan's Pit Plume		73365			73365	10	1	1	1	10	yes	No impact to surface water in the Woman Creek drainage
	17	Carbon Tetrachloride Plume (118.1)		50000000	n	n	50000000	10	1	1	1	10	yes	IHSS 118.1 is suspected source/DNAPL present
	18	881 Hillside Plume		9167	n	n	9167	8	1	1	1	8	yes	No impact on surface water in the Woman Creek drainage
	19	Industrial Area Plume		2615	n	n	2615	7	1	1	1	7	yes	No known impact on surface water
	20	121 Tank T-29 (Tank 207)	15	<1	<1	4110	4125	7	1	2	0.5	7	yes	New 1995 data-PAHs in surface soil
	21	PU&D Yard Plume		553			553	6	1	1	1	6	no	Source not present
	22	160 Rad Site Bldg 664 Parking Lot		578	n	1	579	6	1	1	1	6	yes	Paved
	23	158 Rad Site - B551/B554		418	n	1	419	5	1	1	1	5	no	Paved
	24	Building 881 Area Plume		257			257	5	1	1	1	5	no	Source may be due to UBC at B881
	25	Building 881 UBC		257	7	n	264	5	1	1	1	5	yes	No pathway known
	26	114-Present Landfill		415	<1	31	446	5	2	1	0.5	5	no	Compliance, presumptive remedy for closure
	27	Present Landfill Area Plume		415			415	5	2	1	0.5	5	no	
	28	Bowman's Pond (PAC 700-1108)		n	n	18	18	1	2	1	2	4		Process knowledge of probable influent liquids
	29	111.4 SE Trenches T-7		<1	128	<1	128	4	1	1	1	4	yes	Score includes newly discovered sample data
	30	165 Triangle Area		215	<1	14	229	4	2	1	0.5	4	yes	HHRA, less than 10-6, metals
IAC-96	31	129 - Tank T-4, outside steam plant	<1	n	n	2	2	1	1	3	1	3	no	Tank foamed and stabilized, tank not breached
	32	121, 126.1, 126.2 Tank T-8	<1	n	<1	<1	<1	1	1	3	1	3		
	33	111.8 Trench T-11		96	<1	<1	96	3	1	1	1	3	no	Organics in groundwater
	34	Building 779 UBC		n	n	64	64	2	1	1	1	2	no	Contamination due to B771
	35	121 Tank T-27		n	n	59	59	2	1	1	1	2	no	PAHs in surface soil
	36	143 771 Outfall		46	<1	3	49	2	1	1	1	2	no	
	37	176 S&W Yard		n	n	26	26	2	1	1	1	2	no	
	38	131 Rad Site #1 - 700 Area		n	n	4	4	1	1	2	1	2	no	
	39	133.4 Ash Pit #4		44	<1	2	46	2	1	1	1	2	no	HHRA, 10E-4 to 10-6
	40	133.1 Ash Pit #1		44	2	<1	46	2	1	1	1	2	no	HHRA, 10E-4 to 10-6
	41	133.2 Ash Pit #2		44	2	<1	46	2	1	1	1	2	no	HHRA, 10E-4 to 10-6
	42	133.3 Ash Pit #3		44	<1	<1	44	2	1	1	1	2	no	HHRA, 10E-4 to 10-6
	43	Old Landfill Area Plume		174			174	4	1	1	0.5	2	no	HHRA, 10E-4 to 10-6 Action required due to physical hazard
	44	115 Original Landfill		172	<1	27	199	4	1	1	0.5	2	no	HHRA, 10E-4 to 10-6
	45	190 Caustic Leak		12	n	<1	12	1	1	1	1	1	no	Evaluate using approved NA/NFA process
	46	Building 123 Site (IHSSs 148, 121, 123UBC, RCRA Unit 40)		9	4	1	14	1	1	1	1	1	no	Building removed to the slab in FY98
	47	120.1 North Fiberglassing area		n	n	20	20	1	1	1	1	1	no	Contamination probably from: 400 Complex
	48	150.3 Rad Site Between B771 & B774		n	n	16	16	1	1	1	1	1	no	
	49	214 750-Pad pondcrete/saltcrete storage		n	n	13	13	1	1	1	1	1	no	
	50	157.1 Rad Site North-Central Ave Ditch		5	n	5	10	1	1	1	1	1	no	
	51	157.2 Rad Site south		2	n	5	7	1	1	1	1	1	no	PCB hit above AL, listed under PCB 9.
	52	120.2 West Fiberglassing Area		n	n	6	6	1	1	1	1	1	no	

n = data not available

ER Ranking

Status	Rank	IHSS Number and Name	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional Judgement Multiplier	Total Priority Score	Exceeds Tier I AL	General Comments
	53	144 Sewer line overflow		n	n	4	4	1	1	1	1	1	no	
	54	136.2 Cooling Tower Pond East of B444		n	n	4	4	1	1	1	1	1	no	
	55	163.1 Rad Site 700 North B774		n	n	2	2	1	1	1	1	1	no	
	56	Building 440 Site		n	6	n	6	1	1	1	1	1	no	Investigation done for B440 expansion
	57	177-OU 10		<1	n	2	2	1	1	1	1	1	no	PCB hit above AL
	58	196 in Old Landfill		44	<1	<1	44	2	1	1	0.5	1	no	HHRA, 10E-4 to 10-6
	59	119.1 - OU 1- Solvent Spill Site		<1	29	3	32	2	1	1	0.5	1	no	CAD/ROD amendment pending
	60	139.1 KOH, NaOH condensate tanks spill		n	n	19	19	1	1	1	0.5	0.5	no	PAHs in surface soil
	61	139.2 Hydrofluoric Acid Tank spills		n	n	19	19	1	1	1	0.5	0.5	no	PAHs in surface soil
	62	111.2 Trench T-5		<1	<1	1	1	1	1	1	1	0.5	no	
	63	153 Oil Burn Pit		<1	<1	n	<1	0	1	1	1	0	no	In PA fence, eleven feet of soil removed during fence construction
	64	164.3 Rad Site #2 800 Area, 887 Pad		n	n	<1	<1	0	1	1	1	0	no	
	65	127 Low level Rad waste leak		n	n	<1	<1	0	1	1	1	0	no	
	66	186 Valve Vault 11, 12 and 13		n	n	<1	<1	0	1	1	1	0	no	
	67	150.4 Rad Site NW of B750		n	n	<1	<1	0	1	1	1	0	no	
	68	159 Rad Site B559		<1	<1	n	<1	0	1	1	1	0	no	
	69	111.3 SE Trenches T-6		n	<1	<1	<1	0	1	1	1	0	no	
	70	111.5 SE Trenches T-8		<1	<1	<1	<1	0	1	1	1	0	no	
	71	111.6 SE Trenches T-9		<1	<1	<1	<1	0	1	1	1	0	no	
	72	138 Bldg 779 Cooling Tower Blowdown		n	n	<1	<1	0	1	1	1	0	no	
	73	164.2 Rad Site #2, 800 Area, Bldg 886 Spill		<1	<1	<1	<1	0	1	1	1	0	no	
	74	111.7 SE Trenches T-10		n	tbd	tbd	<1	0	1	1	1	0	no	
	75	137 Bldg 712/713 Cooling Tower Blowdown		n	n	n	0	0	1	1	1	0	no	Evaluate using approved NA/NFA process
	76	118.2 Solvent Spills North End of Bldg. 707		<1	n	<1	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	77	121-P08 OPWL Pipeline; 135 ft; Bldg. 881		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	78	121-P57 OPWL Pipeline; 112 ft; Bldg. 122		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	79	121-T12 Invalid tank location		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	80	121-T31 Invalid tank location		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	81	121-T33 Invalid tank location		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	82	121-T34 Invalid tank location		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	83	121-T35 Invalid tank location		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	84	175 S&W B.980 Container Storage Facility		n	n	<1	0	0	1	1	1	0	no	Evaluate using approved NA/NFA process
	85	182 444/453 Drum Storage Area		n	n	n	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	86	205 Sump #3 Acid Site, SE B460		n	n	<1	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	87	206 Inactive D-386 HW Tank B374		n	n	<1	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	88	207 Inactive B444 Acid Dumpsters		n	n	<1	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	89	208 Inactive 444/447 Waste Storage.		n	n	<1	0	0	1	1	1	0		Evaluate using approved NA/NFA process
	90	187 Sulfuric Acid Spill; B443		n	n	n	0	0	1	1	1	0		Evaluate by NA/NFA process/tie B335 D&D
	91	134(N) Lithium Metal Destruction Site		<1	<1	<1	0	0	1	1	1	0		Evaluate by NA/NFA process/tie B335 D&D
	92	134(S) Lithium Metal Destruction Site		n	n	<1	0	0	1	1	1	0		Evaluate with NA/NFA/PCB Hot Spot only
	93	150.6 Loading Dock		n	n	<1	0	0	1	1	0.5	0		Removed during FA construction, verify only
	94	154 Pallet Burn Site		n	n	<1	0	0	1	1	0.5	0		
	INV	171 Fire Training		134	n	<1	134	4	1	2	2	16	no	Empirical data indicates free product present
	INV	Building 444 UBC		156	n	<1	156	4	1	1	2	8		Known contaminant plume
	INV	Building 707 UBC		142	n	<1	0	1	1	1	2	2		Many known spills
	INV	121 Old Process Waste Lines-Includes:		1013	n	n	1013	7	1	1	2	14	yes	IHSS 121 includes the following italicized IHSSs
		66 segments (35,000') & 22 tank units-not investigated												Not characterized, probably highly contaminated
		123.2 Valve Vault w. of 707												Not characterized, probably highly contaminated
		147.1 MAAS Area												Not characterized, probably highly contaminated
		149.1 OPWL to SEPS												Not characterized, probably highly contaminated

n = data not available

ER Ranking

Rev. 9/98

Status	Rank	IHSS Number and Name	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional Judgement Multiplier	Total Priority Score	Exceeds Tier I AL	General Comments
	INV	121 Old Process Waste Lines (continued)		1013	n	n	1013	7	1	1	2	14	yes	IHSS 121 includes the following italicized IHSSs
		149.2 OPWL to SEPS												Not characterized, probably highly contaminated
		215 Abandoned sump in 774												Not characterized, probably highly contaminated
	INV	Bldg 774 UBC (146.1, 146.2, 146.3, 146.4, 146.5, 146.6)		n	n	n	0	0	1	1	2	0		Tanks removed, 1971 rad. data exceeded Tier I levels
	INV	150.1 Rad Site N. of 771		n	n	<1	0	0	1	1	1	0		Paved, old data exists
	INV	150.2 Rad Site W. of 771/776		n	n	<1	0	0	1	1	1	0		Paved, old data exists
	INV	117.1 (North Site)&197/Scrap Metal Storage		n	n	<1	0	0	1	1	2	0		Suspected source-known buried material-PU&D yard
	INV	161 - W. of 664		n	n	<1	0	0	1	1	2	0		Waste staging area-lack of data
	INV	117.2 Middle Site Chemical Storage		651	n	<1	651	6	1	1	1	6	yes	Source
	INV	128 Oil Burn Pit #1		<1	n	<1	0	0	1	1	1	0		Tied to Building 335 D&D Project
	INV	150.7 Rad Site S. of 778		n	n	<1	0	0	1	1	1	0		Rad Screens only
	INV	163.2 Americium Slab		n	n	<1	0	0	1	1	1	0		HPGe Survey
	INV	213 904 Pad; Pondcrete Storage		n	n	n	0	0	1	1	1	0		Active Storage Unit, not sampled
	INV	116.1 Bldg 447, W. Loading Dock		n	n	<1	0	0	1	1	1	0		
	INV	116.2 Bldg 444, S. Loading Dock		n	n	<1	0	0	1	1	1	0		
	INV	136.1 Cooling Tower Pond W. of 444		n	n	<1	0	0	1	1	1	0		
	INV	148 Waste Leaks		n	n	<1	0	0	1	1	1	0		
	INV	150.8 Rad Site S. of 779		n	n	<1	0	0	1	1	0.5	0		Spills cleaned up at time
	INV	173 Rad Site Bldg 991		n	n	<1	0	0	1	1	0.5	0		Spills cleaned up at time
	INV	184 Rad Site 991 Steam		n	n	<1	0	0	1	1	0.5	0		Unconfirmed-no location found
	INV	162 - 700 Area		n	n	<1	0	0	1	1	0.5	0		Spills cleaned up at time
NFA		140 Hazardous Waste Disposal Site		n	3	n	3	1	1	1	0.5	0.5		
NFA		164.1 Rad Site #2 - 800 Area		2	n	<1	2	1	1	1	0.5	0.5	no	Evaluated using approved NA/NFA process
NFA		170, 174.1 (174a), 174.2 (174b) PU&D Storage Areas		n*	n	12	12	1	1	1	0.5	0.5	no	Investigation in FY98 determined no source above Tier I present/NFA
NFA		117.3 S Chemical Storage Site		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		123.1 Valve Vault #7		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		135 Bldg 337 Cooling Tower		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		147.2 Bldg 881 Conversion Activity		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		151 Fuel Oil Leak		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		156.1 Radioactive Site		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		172 Central Avenue Waste Spill		n	n	<1	0	0	1	1	1	0	no	No source found
NFA		181 Building 334 Cargo Container Area		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		188 Acid Leak Southeast of Bldg. 374		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		191 Hydrogen Peroxide Leak		n	n	n	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		210 Bldg 980 Cargo Container		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		216.2 East Spray Field - OU 2		n*	n	<1	0	0	1	1	1	0		PPRG ratio less than 1, *2 downgradient wells
NFA		216.3 East Spray Field - OU 2		n*	n	<1	0	0	1	1	1	0		PPRG ratio less than 1, *2 downgradient wells
NFA		133.5 Incinerator		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6
NFA		133.6 Concrete Wash Pad		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6
NFA		141 Sludge Dispersal Area		<1	n	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		142.1 Pond A-1		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond data
NFA		142.10 Pond C-1		n	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6 Includes pond & sediments
NFA		142.11 Pond C-2		n	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6 Includes pond & sediments
NFA		142.12 Walnut and Indiana Pond		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		142.2 Pond A-2		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond data
NFA		142.3 Pond A-3		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond data
NFA		142.4 Pond A-4		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen w/ pond and sediment data
NFA		142.5 Pond B-1		n	<1	<1	0	0	1	1	1	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		142.6 Pond B-2		n	<1	<1	0	0	1	1	1	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		142.7 Pond B-3		n	<1	<1	0	0	1	1	1	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		142.8 Pond B-4		n	<1	<1	0	0	1	1	1	0		HHRA, 10E-4 to 10-6 w/pond & sediment data

n = data not available

ER Ranking

Rev. 9/98

Status	Rank	IHSS Number and Name	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional Judgement Multiplier	Total Priority Score	Exceeds Tier I AL	General Comments
NFA		142.9 Pond B-5		<1	<1	<1	0	0	1	1	1	0		Passed CDPHE scmen w/ pond and sediment data
NFA		152 Fuel Oil Tank 221 Spill		n	n	n	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		156.2 Soil Disposal Area		<1	<1	<1	0	0	1	1	1	0		HHRA, less than 10-6
NFA		166.1 Landfill Trench A		<1	<1	n	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		166.2 Landfill Trench B		<1	<1	n	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		166.3 Landfill Trench C		<1	<1	n	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		167.1 N Landfill Spray Area		<1	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6
NFA		167.2 Landfill Pond Spray Area		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6
NFA		167.3 Landfill South Spray Area		n	n	<1	0	0	1	1	0.5	0		Focused HHRA, 10E-4 to 10-6
NFA		169 Hydrogen Peroxide Spill		n	n	n	0	0	1	1	0.5	0		Evaluated using approved NA/NFA process
NFA		183 Gas Detox Facility		n	n	n	0	0	1	1	0.5	0		Evaluated using approved NA/NFA process
NFA		189 Nitric Acid Tank		n	n	n	0	0	1	1	0.5	0		Evaluated using approved NA/NFA process
NFA		203 Inactive Hazardous Waste Storage Area		n	n	<1	0	0	1	1	0.5	0		Evaluated using approved NA/NFA process
NFA		209 Surface Disturbances		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		216.1 East Spray Field - OU 6		n	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		F167.3 Former S. Spray Field		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
C-97		102 Oil Sludge Pit		<1	<1	<1	<1	0	2	1	0.5	0		HHRA, less than 10-6
C-97		103 Chemical Burial		<1	<1	<1	<1	0	2	1	0.5	0		HHRA, less than 10-6
C-97		104 Liquid Dumping		<1	10	<1	10	4	2	1	0.5	4	yes	HHRA, less than 10-6
C-97		105.1 W Out-of-Service Fuel Tank		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
C-97		105.2 E Out-of-Service Fuel Tank		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
C-97		106 Outfall		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
C-97		107 Hillside Oil Leak		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
C-97		119.2 Solvent Spill Site		9	<1	<1	9	1	2	1	0.5	1	no	HHRA, less than 10-6
C-97		130 800 Area Rad Site #1		<1	34	<1	34	2	2	1	0.5	2	yes	HHRA, less than 10-6
C-97		145 Sanitary Waste Line Leak		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
C-97		199 Offsite Land Surface		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 No groundwater issues
C-97		200 Great Western Reservoir		<1	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6, plus sediment samples
C-97		201 Standley Lake		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
C-97		202 Mower Reservoir		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
C-95		168 West Spray Field		190	<1	<1	190	4	1	1	0.5	2	no	Passed CDPHE screen-CAD/ROD complete
C-95		178 B881 Drum Storage, Rm. 165		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD complete
C-95		179 B865 Drum Storage, Rm. 145		n	n	n	0	0	1	1	0.5	0		RCRA Clean Closure CAD/ROD complete
C-95		180 B883 Drum Storage, Rm. 104		n	n	n	0	0	1	1	0.5	0		RCRA Clean Closure CAD/ROD complete
C-95		204 Original Uranium Chip Roaster		n	n	n	0	0	1	1	0.5	0		RCRA Clean Closure CAD/ROD complete
C-95		211 B881 Drum Storage #26-R211		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD Complete
C-95		217 B881 Cyanide Treatment - #32		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		185 Solvent Spill		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		192 Pipeline		3	n	n	3	1	1	1	0.5	0.5	no	Evaluated using approved NA/NFA process
C-94		193 Steam Condensate		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		194 Solvent Spill		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		195 Nickel Carbonyl Disposal		n	n	n	0	0	1	1	0.5	0		No source found-CAD/ROD Complete

C-96	Closure complete
IAC-96	Interim Action Complete
NFA	Evaluated and recommended for NA\NFA status
INV	Needs further investigation
LOW	Low priority

n = data not available

Document

Separation

Sheet

RFCA REGULATORY MILESTONES

FY99

M1	Either a) ship cumulative amount of 78% of 10/01/96 pond/salt inventory offsite and evacuate all waste from Tent 9 by 9/30/99, or b) the additional onsite storage for pond/salt is operational by 9/30/99.
M2	Ship 670 m^3 of TRU/TRM to WIPP by 9/30/99, assuming a January 1999 opening.
M3	Ship 1,750 cubic meters of low level waste by 9/30/99.
M4	Complete installation and operate remedial action described in decision document for Solar Pond plume (N. Walnut Creek) by 9/30/99.
M5	Complete installation and operate remedial action described in decision document for East Trenches/903 Pad/Ryan ' s Pit Mound plume (S. Walnut Creek) by 9/30/99.
M7	Develop a comprehensive characterization/remediation strategy for the Industrial Area soils and ground water by 9/30/99.
M8	Complete off-site shipment by 9/30/99 for treatment and/or disposal of all T-1 waste streams not returned to T-1, and for which treatment or disposal locations are available and controlling documents are in place by 4/30/99.
M9	Complete information management system for integrated site-wide monitoring and environmental database by 9/30/99.
M10	Either a) construct and operate new facility for storage of TRU/TRM by 9/30/99, or b) by 9/30/99 demonstrate adequate storage available for TRU/TRM through 9/30/00.
M11	Complete characterization of the 903 Pad as defined in the approved Sampling Analysis Plan by 9/30/99 (with the exception of the remaining radiologic boreholes, which will be completed by 12/31/99).

FY00

M1	Ship 100% of 10/1/96 pondcrete/saltcrete inventory off-site by 5/30/00 and evacuate all wastes from Tents 10 and 11..
M2	Complete demolition to slab of Building 779 by 9/30/00.
M3	Complete demolition to slab of Building 886 by 9/30/00.
M4	Complete remediation described in decision document for Bowman's Pond.

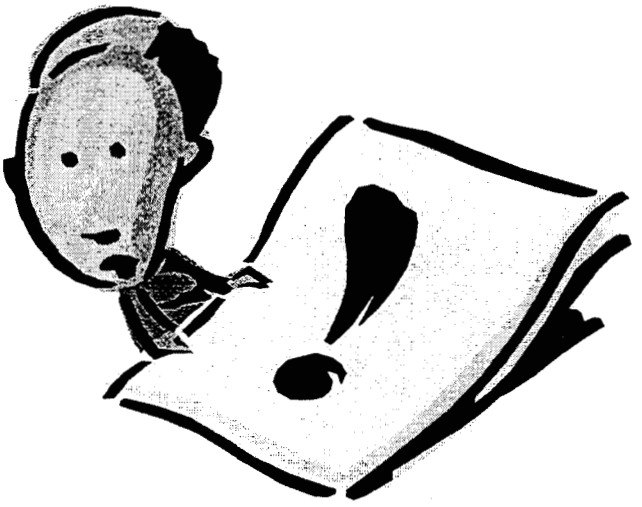
12

FY00 (cont.)

M5	Ship a minimum of 1700 cubic meters of Low Level Waste between 9/30/99 and 9/30/00.
M6	Ship 1340 cubic meters of TRU/TRM to WIPP from 10/1/99 to 9/30/00.

Outyear Milestones

M1	Initiate 903 Pad remediation by 6/1/01
M2	Complete off-site shipments of TRU/TRM by 2006..
M3	Complete D&D of Building 707 by 2005.
M4	Complete remediation of 903 Pad and off-site disposal of remediation wastes by 9/30/03.



Document Separation Sheet

RFCA Documents Index

1. Quality Assurance Criteria Document, Rev. 1, Kaiser-Hill Company L.L.C., effective February 2, 1996 (Or most current version).

2. Historical Release Report for the Rocky Flats Plant, Volumes I and II, U.S. Department of Energy, June 1992.

3. Existing ER Standard Operating Procedures.

4. Rocky Flats Site-wide Integrated Public Involvement Plan, U.S. Department of Energy, March 1998.

5. Treatability Study Workplans listed in the Administrative Record.

6. Health and Safety Practices, EG&G Rocky Flats, Inc., (Adopted by Kaiser-Hill Company, L.L.C. in July 1995) September 30, 1995 (Or most current version).

7. Plan for Prevention of Contaminant Dispersion, U.S. Department of Energy, February 1992.

8. Background Geochemical Characterization Report Rocky Flats Plant, U.S. Department of Energy, September 30, 1993.

9. Final Treatability Studies Plan, Volumes I and II, U.S. Department of Energy, August 1991.

10. Final resolutions of previous disputes that are relevant to implementation of RFCA. The Administrative Record shall be reviewed for such resolutions, and this list will be updated accordingly.

11. Department of Energy, Rocky Flats Environmental Technology Site, Integrated Monitoring Plan FY98/FY99, October 1998.

12. Department of Energy, Decommissioning Program Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, October 8, 1998. Approved by CDPHE on November 4, 1998. Approved by EPA on November 12, 1998.

13. Department of Energy, Modification to the Decommissioning Program Plan, Rocky Flats Environmental Technology Site, December 22, 1998.

PAMs

1. Department of Energy, Proposed Action Memorandum Hotspot Removal Rocky Flats Plant Operable Unit 1, Rocky Flats Plant, Golden, Colorado, September 1994.

2. Department of Energy, Final Proposed Action Memorandum Remediation of Polychlorinated Biphenyls, Rocky Flats Environmental Technology Site, Golden, Colorado, May 1995.

3. Department of Energy, Modified Proposed Action Memorandum Passive Seep Collection and Treatment Operable Unit 7, Rocky Flats Environmental Technology Site, Golden, Colorado, July 1995.

4. Department of Energy, Modified Proposed Action Memorandum Passive Seep Collection and Treatment Operable Unit 7, minor modification, July 1998.

5. Department of Energy, Final Proposed Action Memorandum for the Remediation of Individual Hazardous Substance Site 109, Ryan's Pit, Rocky Flats Environmental Technology Site, Golden, Colorado, August 24, 1995.

6. Department of Energy, Final Proposed Action Memorandum Remediation and Draft Modification of Colorado Hazardous Waste Corrective Action Section of the Operating Permit for Rocky Flats Environmental Technology Site, Golden, Colorado, October 1995.

7. Department of Energy, Draft Proposed Action Memorandum Remediation for the Contaminant Stabilization of Underground Storage Tanks, Rocky Flats Environmental Technology Site, Golden, Colorado, February 14, 1996.

8. Department of Energy, Proposed Action Memorandum for the Source Removal at Trenches T-3 and T-4 IHSSs 110 and 111.1, Rocky Flats Environmental Technology Site, Golden, Colorado, August 24, 1995.

9. Department of Energy, Final Proposed Action Memorandum for the Source Removal at the Mound Site, IHSS 113, Revision 0, Rocky Flats Environmental Technology Site, Golden, Colorado, February 3, 1997. Approved by EPA in February 1997.

10. Department of Energy, Final Proposed Action Memorandum for the Source Removal at Trench 1, IHSS 108, Rocky Flats Environmental Technology Site, Golden, Colorado, July 1997. Approved by EPA on August 27, 1997.

11. Department of Energy, Final Proposed Action Memorandum for the Source Removal at Trench 1, IHSS 108, modification, February 1998. EPA approved the modification in March 1998.

12. Department of Energy, Building 123, Proposed Action Memorandum, Rocky Flats Environmental Technology Site, Golden, Colorado, August 1997. Approved by CDPHE on August 25, 1997.

13. Department of Energy, Building 123 Proposed Action Memorandum, minor modification, May 21, 1998.

14. Department of Energy, Building 980 Cluster, Proposed Action Memorandum, Revision 0, Rocky Flats Environmental Technology Site, Golden, Colorado, August 1997. Approved by CDPHE on August 25, 1997.

15. Department of Energy, Final Proposed Action Memorandum for the East Trenches Plume, Rocky Flats Environmental Technology Site, Golden, Colorado, February 4, 1999. Approved by EPA in February 1999.

IM/IRAs and Decommissioning Operation Plans

1. Department of Energy, Final Interim Measures/Interim Remedial Action Decision Document for Rocky Flats Industrial Area, Rocky Flats Environmental Technology Site, Golden, Colorado, November 1994.

2. Department of Energy, Operable Unit 4 Solar Evaporation Ponds Interim Measures/Interim Remedial Action Environmental Assessment Decision Document, Rocky Flats Environmental Technology Site, Golden, Colorado, April 9, 1992.

3. Department of Energy, Interim Measures/Interim Remedial Action Plan and Decision Document, 881 Hillside Area, Operable Unit No. 1, Rocky Flats Plant, Golden, Colorado, January 1990.

4. Department of Energy, Final Surface Water Interim Measures/Interim Remedial Action Plan/Environmental Assessment and Decision Document South Walnut Creek Basin, Rocky Flats Plant, Golden, Colorado, October 1994.

NOTE: The last two IM/IRA references (January 1990 IM/IRA and the October 1994 IM/IRA) were administratively combined in 1995.

5. Department of Energy, Modification to the Final Surface Water Interim Remedial Action Plan Environmental Assessment and Decision Document South Walnut Creek Basin dated October 1994. Approved by EPA on July 11, 1997.

6. Department of Energy, Modification to the Interim Measures/Interim Remedial Action Plan and Decision Document, 881 Hillside Area Operable Unit No. 1, dated January 1990. Conditionally Approved by EPA on August 27, 1997.

7. Department of Energy, Final Mound Site Plume Decision Document, Major Modification to the Final Surface Water Interim Measures/Interim Remedial Action Plan/ Environmental Assessment and Decision Document for South Walnut Creek March 1991, Revised October 1994, Rocky Flats Environmental Technology Site, Golden, Colorado, September 30, 1997. Approved by EPA in September 1997.

8. Department of Energy, Termination of the Final Surface Water Interim Remedial Action Plan Environmental Assessment and Decision Document South Walnut Creek Basin dated October 1994, July 28, 1998.

9. Department of Energy, Interim Measure/Interim Remedial Action Decision Document, National Conversion Pilot Project, Stage II, Rocky Flats Field Office, Golden, Colorado, March 30, 1995.

   NOTE: Although this IM/IRA is regulated under RFCA, the IM/IRA provides that the activities conducted under the IM/IRA shall not become regulatory milestones. Further, the National Conversion Pilot Project work is funded in accordance with a Cooperative Assistance Agreement, and not through normal RFETS budget planning. The work being done under this IM/IRA will cease upon expiration of the funds provided under the Cooperative Assistance Agreement for Stage II. The IM/IRA work is not included in the Integrated Sitewide Baseline.

10. Corrective Action Management Unit Interim Measure/Interim Remedial Action Decision Document and Application Support Document for Containerized Storage at the Rocky Flats Environmental Technology Site, Golden, Colorado, Final, August 1997. Approved by CDPHE on August 28, 1997.

11. Corrective Action Management Unit Interim Measure/Interim Remedial Action Decision Document and Application Support Document for Bulk Storage at the Rocky Flats Environmental Technology Site, Golden, Colorado, Final, August 1997. Approved by CDPHE on August 28, 1997.

12. Department of Energy, Decommissioning Operations Plan for the 779 Cluster Interim Measure/Interim Remedial Action, Rocky Flats Environmental Technology Site, Golden, Colorado, February 1998. Approved by CDPHE on February 6, 1998.

13. Department of Energy, Decommissioning Operations Plan, for the 779 Cluster Interim Measure/Interim Remedial Action, modification, June 2, 1998. *(At the time the modification was requested, CDPHE verbally agreed with the modification; written approval is being sought to complete the record.)*

14. Department of Energy, Decommissioning Operations Plan for the Building 779 Cluster, modification, October 12, 1998. The modification included the demolition plan for Building 729. The modification was approved by CDPHE on November 13, 1998.

15. Department of Energy, Decommissioning Operations Plan for the Building 779 Cluster, modification, February 16, 1999. *(This modification had not been approved by CDPHE as of February 26, 1999.)*

16. Department of Energy, Building 886 Cluster Closure Project Interim Measure/Interim Remedial Action, Rocky Flats Environmental Technology Site, Golden, Colorado, July 30, 1998. Approved by CDPHE on August 3, 1998.

17. Department of Energy, Building 771/774 Closure Project Decommissioning Operations Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, December 1998. Approved by CDPHE on January 11, 1999.

CAD/RODs

1. Department of Energy, Corrective Action Decision/Record of Decision, Operable Unit 11: West Spray Field, Rocky Flats Environmental Technology Site, Golden, Colorado, September 1995, Approved October 1995.

2. Department of Energy, Corrective Action Decision/Record of Decision, Operable Unit 15: Inside Building Closures, Rocky Flats Environmental Technology Site, Golden, Colorado, September 1995, Approved October 1995.

3. Department of Energy, Corrective Action Decision/Record of Decision, Operable Unit 16: Low Priorities Sites, Rocky Flats Environmental Technology Site, Golden, Colorado, August 1994, Approved October 1994.

4. Department of Energy, Corrective Action Decision/Record of Decision, Operable Unit 1, Rocky Flats Environmental Technology Site, Golden, Colorado, March 1997. Approved March 1997.

5. Department of Energy, Corrective Action Decision/Record of Decision, Operable Unit 3, Rocky Flats Environmental Technology Site, Golden, Colorado, April 1997. Approved June 1997.

Document

Separation

Sheet

FINAL RFCA
APPENDIX 4
UPDATE PAGES
FEBRUARY 26, 1999

ROCKY FLATS CLOSURE PROJECT
COMPLETION METRICS BASELINE

AND

ROCKY FLATS CLOSURE PROJECT
CRITICAL CLOSURE PATH CHART

Rocky Flats Closure Project Completion Metrics Baseline

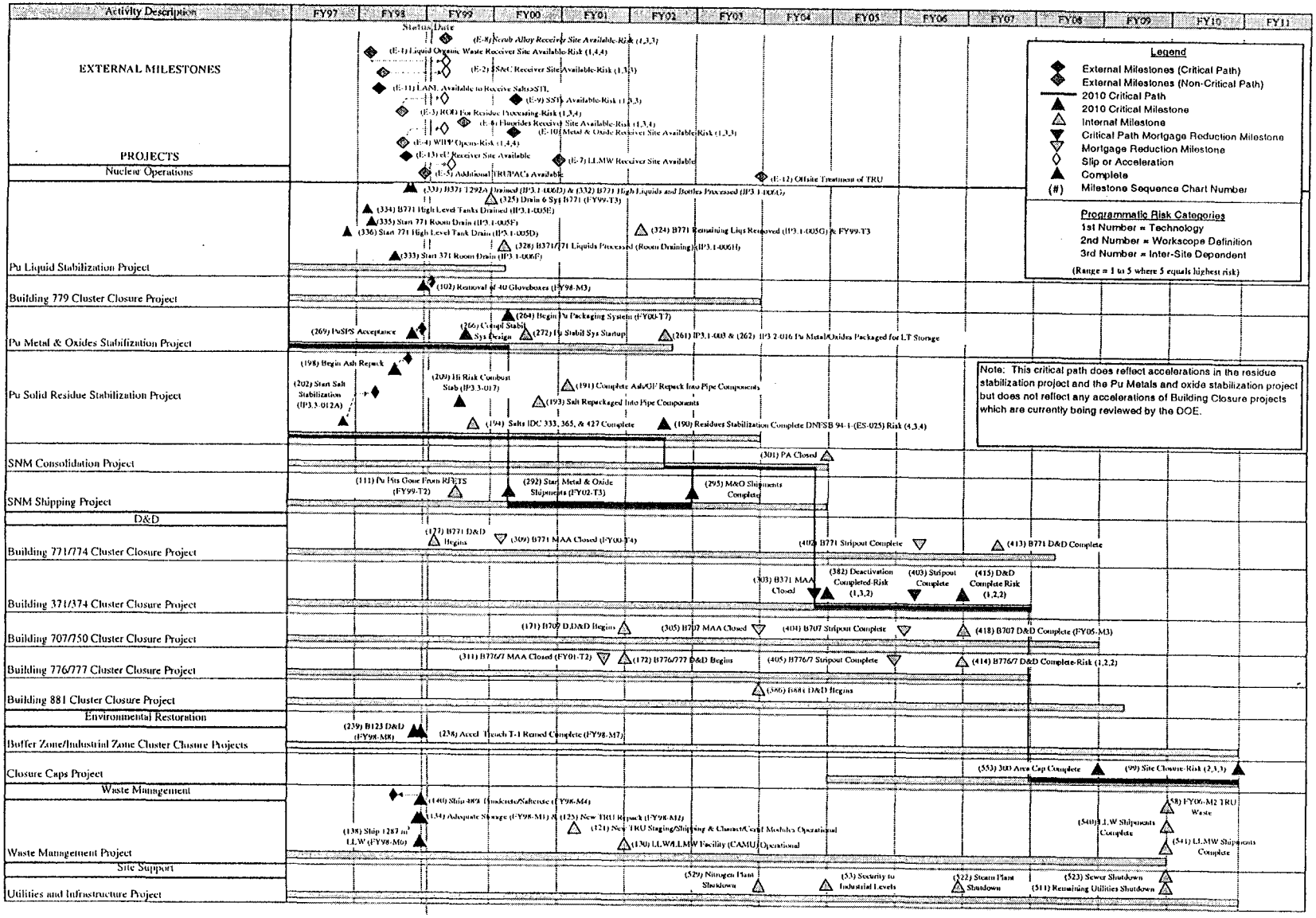
Key Closure Activities	FY97	FY98 Plan	FY98 Actual	FY98 Mortgage	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	TOTAL
SNM Shipments																	
Pits (percent of inventory)	0	100%	62%	38%	0%	0	0	0	0	0	0	0	0	0	0	0	100
eU (percent of inventory)	0	14%	22%	-8%	78%	0	0	0	0	0	0	0	0	0	0	0	92%
Composite Parts (percent of inventory)'	0	0	0	0	0	45%	45%	10%	0	0	0	0	0	0	0	0	100%
Ship Pu Metals and Oxides (# of shipments)	0	0	0	0	0	700	1,100	500	0	0	0	0	0	0	0	0	2,300
Place Pu Metals & Oxides in 3013 (Qty. Containers)	0	0	0	0	0	750	1,000	150	0	0	0	0	0	0	0	0	1,900
Drain B371 Areas	0	2	2	0	10	0	0	0	0	0	0	0	0	0	0	0	12
Drain & Removes B771 Liquid Systems	0	4	2	2	12	9	12	0	0	0	0	0	0	0	0	0	37
Residues (kg bulk)																	
Salt Category																	
Disposition Salt Residues	0	3,800	988	2,812	7,075	6,525	0	0	0	0	0	0	0	0	0	0	17,400
Ash Category																	
Repackage SS&C	0	2,700	799	1,901	600	0	0	0	0	0	0	0	0	0	0	0	3,300
Ship SS&C to SRS	0	600	0	600	1,300	2,000	0	0	0	0	0	0	0	0	0	0	3,900
Disposition Ash/Graphite Fines	0	1,000	0	1,000	7,950	9,800	5,400	0	0	0	0	0	0	0	0	0	24,150
Combustibles Category																	
Disposition Wet Combustibles	0	3,200	0	3,200	6,500	5,000	5,000	3,700	0	0	0	0	0	0	0	0	23,400
Ship fluoride to SRS	0	0	0	0	0	317	0	0	0	0	0	0	0	0	0	0	317
Inorganic Category																	
Dry Repackage	0	6,800	3,217	3,583	8,700	11,400	9,200	1,600	0	0	0	0	0	0	0	0	37,700
Ship Low-Level Mixed Waste for disposal (m^3)	2,564	4,126	6,527	-2,401	2,886	6,575	5,000	8,000	2,706	1,427	1,887	165	8,000	4,555	2,710	0	50,601
Ship Low-Level Waste for disposal (m^3)	1,288	2,945	2,627	318	2,300	2,050	10,000	20,000	20,000	20,000	18,731	11,649	14,182	5,742	2,005	0	130,892
Ship TRU Waste for disposal (m^3)	0	126	0	126	1,000	2,000	2,000	2,000	2,000	2,000	2,000	1,321	261	14	11	0	14,733
Non-Radioactive Waste Disposal/Recycling (m^3)	347	87	297	-210	88	186	84	77	399	137	271	359	121	71	317	0	2,544
Ship Sanitary Waste for disposal (m^3)	9,873	9,451	18,244	-8,793	19,800	16,400	26,200	18,800	31,600	30,100	26,900	38,400	37,600	2,500	19,000		288,634
Disposition Waste Chemicals (Containers)																	
Facility Groups Completed (Consent Order requirement)	2	7	10	-3	9	0	0	0	0	0	0	0	0	0	0	0	18
Waste Chemical Program (Containers)	23,856	25,492	21,842	0 [Note 2]	4,000	0	0	0	0	0	0	0	0	0	0	0	53,342
Life-cycle Program (Containers)	0	5,000	4,691	0 [Note 2]	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	1,000	500	56,500
Demolish Buildings & Facilities (# of buildings)	19	6	12	-6	9	33	20	18	14	26	107	55	143	191	75	0	716
Major Buildings						779 and 886	444	865 and 883	881	707	771	776, 777, 460, and 111	371				
(square feet)	53,026	23,338	26,178	-2,840	8,462	91,051	198,461	108,868	249,114	208,624	397,204	655,107	689,438	588,955	224,348	0	3,495,996
Remediate Environmental Sites (#)	1	1	2	-1	4	1	2	2	3	4	8	20	11	6	2	0	65
Disposition of Property (#)	30,000	36,000	33,000	3,000	60,000	79,850	85,247	78,130	36,060	72,120	78,130	30,050	25,900	0	0	0	611,487
Disposition Classified Matter (#)	2,850,400	92,000	148,105	-56,105	13,300	12,500	11,700	10,900	9,900	8,300	7,500	6,700	0	0	0	0	3,023,200

Note 1: A negative FY98 mortgage means more work in a specific area was accomplished versus plan. A positive mortgage indicates less work was accomplished versus plan.

Updated: 12/12/98

Note 2: In some cases actual quantities requiring disposition were less that planned, meaning all required work was was completed and there was no carryover mortgage.

Rocky Flats Critical Closure Path Chart
Closure Project Baseline



Document

Separation

Sheet

RFCA Target Activities

FY99

T1 Thermally stabilize 90% of the plutonium oxide generated during the year by 9/30/99.

T2 Complete the off-site shipment of the pits by 9/30/99.

T3 Drain 6 systems in Building 771 by 9/30/99.

T5 Remove solid Cat I and II SNM (not holdup and composites) from Building 776/777 by 9/30/99.

FY00

T1 Complete eU shipments.

T2 Complete shipments of SS&C.

T3 Complete SNM holdup removal in Building 771.

T4 Close the Material Access Area in Building 771.

T5 Drain mixed residue tanks to RCRA stable and remove Raschig rings in B776/777.

FY01

T1 Complete holdup removal of areas above Safeguard Termination Limits (attractiveness Level D) in B776/777. (Does not include ducts or ventilation.)

T2 Close the Material Access Area in B776/777.

T3 Complete off-site shipment of fluorides.

FY02

T1 Repackage Pu inorganic oxide and wet combustibles residues.

T2 Complete salt stabilization.

T3 Start off-site shipment of metal and oxide.

24/24